

MATERIAL SAFETY DATA SHEET



3105-1

Scotts® Turf Builder® plus Insect Control 26-6-4

Consumer Business Group
The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

In Case of Emergency call:
CHEMTREC 1-800-424-9300
International Emergency Telephone Number:
1-703-527-3887 (USA)
For non-Emergency calls:
1-937-644-0011(USA)

I. MATERIAL IDENTIFICATION

Product Name: Scotts(R) Turf Builder(R) plus Insect Control
Analysis: 26-6-4
Stock Number: 3105-1
EPA Reg. Number: 538-204

NFPA Hazard Ratings		
Health	3	0 Least
Flammability	1	1 Slight
Reactivity	1	2 Moderate
		3 High
		4 Severe

II. HAZARDOUS INGREDIENTS

MATERIAL	CAS #	OSHA PEL	ACGIH TLV
O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate (Diazinon)	333-41-5	0.1 mg/m3 TWA (Skin Designation)	0.1 mg/m3
Urea	57-13-6	None	None
Monoammonium Phosphate	7722-76-1	None	None
Potassium Sulfate	7778-80-5	None	None

III. FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes holding eyelids open. Call a physician immediately.

Ingestion: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

Skin: Remove contaminated clothing and wash affected areas with soap and water.

Inhalation: Remove victim to fresh air and apply artificial respiration if indicated.

Note to Physician: This product contains an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

IV. HEALTH HAZARD INFORMATION

Summary of Risks:

Possible cholinesterase inhibition symptoms if large amounts ingested. These include nausea, vomiting, diarrhea, cramps, chest discomfort, salivation, lacrimation, headache, dizziness, blurred vision, weakness, sweating, miosis, tearing, uncontrollable muscle twitches, convulsions, coma, and loss of reflexes and sphincter control.

Primary Entry Route(s): Ingestion, skin, inhalation.

Acute Effects: See summary.

Medical conditions which may be aggravated by contact: None known

Ingredients Listed as a Carcinogen

IARC Monographs: No
NTP: No
OSHA: No

V. PERSONAL PROTECTION AND PRECAUTIONS

Eye Contact: Protective eyewear is normally not required but is suggested so eye contact can be avoided.
Skin Contact: Gloves are not required under normal use conditions. Wash thoroughly with soap and water after using this product.
Respiratory: Dust mask or respirator for pesticides is suggested if inhalation exposure is great.

VI. PHYSICAL HAZARD INFORMATION**Fire and Explosion**

Flash Point (Test Method): N/A
Flammable Limits (% in Air): N/A
Auto Ignition Temperature: N/A
Extinguishing Media: Dry chemical, foam, or CO₂.

Physical Properties

Appearance: Granular
Melting Point: N/A
Boiling Point: N/A
Solubility in H₂O: N/A
Specific Gravity: 0.605 g/ml
Vapor Pressure: N/A
Evaporation Rate: N/A

Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Acids and bases.
Hazardous Decomposition Products: Urea and methylene urea nitrogen sources can generate ammonia in a fire. An impurity of toxicological concern, thionotetraethyl pyrophosphate (O,S-TEPP) can be formed when diazinon-containing products are exposed to trace amounts of water. This reaction will not occur when diazinon is mixed with large amounts of water.
Chemical Incompatibilities: None known

Unusual Fire, Explosion and Reactivity Hazards: Thermal decomposition products include, but are not limited to, various aliphatic organophosphates, substituted pyrimidines, hydrogen cyanide, and oxides of carbon, nitrogen and sulfur.

In Case of Fire: Use self-contained air supply. Contain run-off. Run-off may be hazardous to aquatic organisms in neighboring areas. Evacuate nonessential personnel from area to prevent human exposure to fire smoke, fumes, or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated.

Environmental Hazards: This pesticide is highly toxic to birds, fish and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water.

VII. REGULATORY INFORMATION

DOT Classification: Product classified as Environmentally Hazardous Substance, Solid, N.O.S. (Diazinon mixture), 9, UN3077, PGIII, Marine Pollutant only when transported in non-bulk packaging by vessel over water.

VIII. STORAGE AND SPECIAL PRECAUTIONS**Precautions to be taken in handling and storage:**

See label. Avoid bag breakage. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. May be absorbed through the skin. Wash thoroughly after handling. Avoid contamination of feed or foodstuffs. Keep out of reach of children. Keep out of lakes, streams, or ponds. Reseal open bag by folding top down and securing.

In case of spills:

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. May be absorbed through the skin. Wash after handling.

Waste management/disposal:

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.
Container Disposal: Do not reuse empty bag. Discard bag in trash.

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